	SURGERY OF RUMINANTS									
1	Course Title:	SURGERY OF RUMINANTS								
2	Course Code:	VET5115								
3	Type of Course:	Optional								
4	Level of Course:	First Cy	First Cycle							
5	Year of Study:	5								
6	Semester:	9								
7	ECTS Credits Allocated:	2.00								
8	Theoretical (hour/week):	2.00								
9	Practice (hour/week):	0.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	Large A	nimal Surgery							
12	Language:	Turkish								
13	Mode of Delivery:	Face to	face							
14	Course Coordinator:	Doç.Dr.	GÖKSEN ÇEÇEN							
15	Course Lecturers:	-								
16	Contact information of the Course Coordinator:	goksenc@uludag.edu.tr Uludağ Üniversitesi Veteriner Fakültesi Hayvan Hastanesi Cerrahi Anabilim Dalı, Görükle Kampüsü, Bursa. Tlf (224) 2940840								
17	Website:	http://www.veteriner.uludag.edu.tr								
18	Objective of the Course:	To teach the students the skills necessary for the solution of the problems related with the ruminant surgical disesaes order to teach the surgical diseases of the small and large ruminants, the approach to the significant diseases encountred in the field, asepitc surgical principals in ruminant surgery and operative treatments of surgical diseases. To educate qualified students in the field of surgical diseases of small and large ruminants, important field problems, principles of ruminant surgery and operative treatment of the surgical diseases in ruminants. Multidiscipliner approach to the surgical disease of the ruminants and to acquire experience on this area.								
19	Contribution of the Course to Professional Development:									
20	Learning Outcomes:									
		1	Knows surgical diseases of the small and large ruminants							
		2	Learns the principles of aseptic surgery Ruminant surgery							
		3	Learns to operational, functional and economical treatment and to gain the patient's production							
		4	Learns the principles and methods of operative treatment, especially under field conditions							
		5	Wins intellectual identity to educate breeders and trainers people							
		6	Multidisciplinary work culture wins							
		7	Becomes the owner of approaches and skills to the professional veterinary surgeon							
		8	Learns to biosecurity and preventive medicine							
		9								
		10								
21	Course Content:									

Week Theoretical Practice 1 Principles of the ruminant surgery. Preparation for surgical intervention in ruminants. Prevention from surgical infection. Preoperative and postoperative care and nutrition.		Course Content:									
Preparation for surgical intervention in ruminants. Prevention from surgical infection. Preoperative and postoperative care and nutrition. 2 Surgical diseases of the head region (surgery of eyes, surgery of horn, surgery of nose, sinus disease and surgery). 3 Treatment of sucking reflex, surgery of cervical region (pharynx, oesophagus and trachea) 4 Surgical treatment of umbilical lesions (umbilical beess, umbilical cord imflammation, umbilical hernia) 5 Surgical procedures in the abdominal area (laparotomy, rumenotomy, rume cannulation techniques, intestinal volvulus/torsion) 6 Diseases of abomasul diseases (abomasal ulcus, abomasal fistalias, abomasal distation, displacement and tortion), Diseases of cecum (dilatation, displacement and tortion), and eecum surgery (typhotomy, typhectomy) 7 Congenital intestinal anomalies (atresia coli, attresia ani et recti) and surgical treatment. Activites Number Duration (hour) Total Work Load (hour) There Mithy attrion of tail 14 2.00 28.00 Practicals/Labs 0 0.00 0.00 0.00 Solid treatments 14 4.00 4.00 4.00 Homeworks 0 0.00 0.00 0.00 0.00 Field Studies 0 0.00 0.00 0.00 0.00 0.00 <tr< th=""><th>Week</th><th>Theoretical</th><th>Practice</th><th></th><th></th></tr<>	Week	Theoretical	Practice								
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	ECTS	Credit of the Course			2.00						

	Textbooks, References and/or Other Materials:								2. 3 3. 1 9ra 200 5. 4 5. 6 0 7. 0 7. 0 8. 1 9. 1 9. 1 10. 11.	 Surgery, Görgül OS. Bursa, 2000 Special Surgery, Samsar E, Akın F., 2002 Innere Medizin und Chirurgie des Rindes, Dirksen G, Gründer H-D, stöber M., 2003. The Veterinary Clinics of North America (Food Animal Practice) Biosecurity of Cattle Operations, Dargatz DA, 2002. "Surgery". Cattle Diseases., Görgül OS. Ed. Alaçam E, Şahal M., Ankara, 2003 Clinical Dissection Guide For Large Animals, Constantinescu GM, Constantinescu IA., 2004 Techniques in Large Animal Surgery, Turner SA, Mcilwraigth CW, 2004 Farm Animal Surgery, Fubini SL, Ducharme NG, 2004 Bovine Medicine Diseases and Husbandry of Cattle, Andrews AH, Blowey RW, Boyd H, Eddy RG., 2004 Ruminant Cerrahisi, Görgül OS., Seyrek-İntaş D., Çeçen G., 2009 								
23	Asse	esme	ent															
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25				CON	TRIB	UTIO	N OF						S TO I	PROG	GRAMI	ME		
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ÖK3		2	4	3	5		2	2	2	2	1	1	2	0	0	0	0	
ÖK4		3	1	3	5	1	1	1	1	1	1	1	1	0	0	0	0	
ÖK5		1	2	1	2		2	2	3	5	1	1	1	0	0	0	0	
ÖK6		2	1	3	1	4	1	1	1	5	1	2	1	0	0	0	0	
ÖK7		3	4	5	5	3	1	1	1	1	3	4	2	0	0	0	0	
ÖK8		2	2	1	1	5	1	3	1	1	1	1	1	0	0	0	0	
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Contrib ution	1 very low	2 low	3 Medium	4 High	5 Very High
Level:					